

**§ 35.643 Modification of teletherapy unit or room before beginning a treatment program.**

(a) If the survey required by § 35.641 indicates that any individual member of the public is likely to receive a dose in excess of the limits specified in § 20.1301 of this chapter, the licensee shall, before beginning the treatment program:

(1) Either equip the unit with stops or add additional radiation shielding to ensure compliance with § 20.1301 of this chapter.

(2) Perform the survey required by § 35.641 again; and

(3) Include in the report required by § 35.645 the results of the initial survey, a description of the modification made to comply with paragraph (a)(1) of this section, and the results of the second survey.

(b) As an alternative to the requirements set out in paragraph (a) of this section, a licensee may request a license amendment under § 20.1301(c) of this chapter that authorizes radiation levels in unrestricted areas greater than those permitted by § 20.1301(a) of this chapter. A licensee may not begin the treatment program until the license amendment has been issued.

[51 FR 36951, Oct. 16, 1986, as amended at 56 FR 23472, May 21, 1991; 58 FR 67660, Dec. 22, 1993; 63 FR 39483, July 23, 1998]

**§ 35.645 Reports of teletherapy surveys, checks, tests, and measurements.**

A licensee shall mail a copy of the records required in §§ 35.636, 35.641, 35.643, and the output from the teletherapy source expressed as roentgens or rads per hour at one meter from the source and determined during the full calibration required in § 35.632, to the appropriate Commission Regional Office listed in § 30.6 of this chapter within thirty days following completion of the action that initiated the record requirement.

**§ 35.647 Five-year inspection.**

(a) A licensee shall have each teletherapy unit fully inspected and serviced during teletherapy source replacement or at intervals not to exceed five years, whichever comes first, to assure

proper functioning of the source exposure mechanism.

(b) This inspection and servicing may only be performed by persons specifically licensed to do so by the Commission or an Agreement State.

(c) A licensee shall keep a record of the inspection and servicing for the duration of the license. The record must contain the inspector's name, the inspector's license number, the date of inspection, the manufacturer's name and model number and serial number for both the teletherapy unit and source, a list of components inspected, a list of components serviced and the type of service, a list of components replaced, and the signature of the inspector.

**Subpart J—Training and Experience Requirements**

**§ 35.900 Radiation Safety Officer.**

Except as provided in § 35.901, the licensee shall require an individual fulfilling the responsibilities of the Radiation Safety Officer as provided in § 35.32 to be an individual who:

- (a) Is certified by:
  - (1) American Board of Health Physics in Comprehensive Health Physics;
  - (2) American Board of Radiology;
  - (3) American Board of Nuclear Medicine;
  - (4) American Board of Science in Nuclear Medicine;
  - (5) Board of Pharmaceutical Specialties in Nuclear Pharmacy;
  - (6) American Board of Medical Physics in radiation oncology physics;
  - (7) Royal College of Physicians and Surgeons of Canada in nuclear medicine;
  - (8) American Osteopathic Board of Radiology; or
  - (9) American Osteopathic Board of Nuclear Medicine; or
- (b) Has had classroom and laboratory training and experience as follows:
  - (1) 200 hours of classroom and laboratory training that includes:
    - (i) Radiation physics and instrumentation;
    - (ii) Radiation protection;
    - (iii) Mathematics pertaining to the use and measurement of radioactivity;
    - (iv) Radiation biology; and